

From: [Anderson, Arlene](#)
To: [Zeno, Denise](#)
Subject: Re: Fw: RE: Vapor Intrusion
Date: Thursday, January 31, 2013 3:47:24 PM

Denise,

DESA has capacity under Remedial and Removal for CLP; need at least one week advanced notice- maybe two since it's PR;

cost is \$204 plus shipping costs per canister; things are slow for the lab and they can do it under one lab if it is not too busy- with advance notice you can get it all under one lab; and it doesn't include sample staff. Jennifer Ferranda is e-mailing the list of parameters to me today and I'll forward to you.

As for number of samples, I think (4) sub slab and (4) air in Head Start; (1) sub slab and (1) air in the modeling school; (2) sub slab and (2) air in the printing shop; (3) ambient air for the shopping center. The total is (7) sub slab, (7) air, and (3) ambient air with 3 spares (in case canister fail) = 20 canisters.

Let me know if you need anything else.

Thanks,

Arlene R. Anderson, OSC
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From: Denise Zeno/R2/USEPA/US
To: Arlene Anderson/R2/USEPA/US@EPA
Date: 01/31/2013 10:32 AM
Subject: Fw: RE: Vapor Intrusion

Arlene,

check the sample # assumptions or please let me know how many samples we need per space.

do you know if the CLP provides SUMMA canisters?

I spoke today with Evangeline. We spoke at length. I'm calling the SG and CR Mayors and the new head person at ACUDEN. I'll keep you posted.

-----Forwarded by Denise Zeno/R2/USEPA/US on 01/31/2013 10:29AM -----

To: Denise Zeno/R2/USEPA/US@EPA
From: "Schofield, Susan" <SchofieldSE@cdmsmith.com>
Date: 01/31/2013 10:08AM
Subject: RE: Vapor Intrusion

Denise,

I just want you to know that I am working on a rough cost for this and will get you something by tomorrow. I am assuming samples will go through the CLP and that the CLP laboratory will provide the SUMMA canisters. I am also assuming that EPA would approve CDM Smith to do this sampling under the approved QAPP for another PR site (Cidra) since we do not have vapor sampling in the approved Cabo Rojo QAPP. I am also assuming that the school has 8 ports and that we would collect 16 subslab/indoor air samples from ports, 1 subslab/1 indoor (total of 2 dups) air duplicates and 2 ambient air samples (for a total of 20 canisters).

I am also working on the insurance certificate for Walgreens. I'll keep you updated on that too.

Best,

Susan

From: Zeno.Denise@epamail.epa.gov [<mailto:Zeno.Denise@epamail.epa.gov>]
Sent: Wednesday, January 30, 2013 4:38 PM
To: Schofield, Susan
Subject: Vapor Intrusion

We just found out that we have to re-sample a pre-K school in the Ana Maria Shopping Center.

We need to collect a total of ~20 which includes sub-slab, indoor, and outdoor air samples using SUMA canisters for 24 hours. We have the ports already in place. We expect that they are in good working conditions. It will be a matter following sampling protocol, documenting sampling activities, installing & collecting canisters, shipping them to the lab (hopefully CLP lab) and submit results to us.

how much will CDM charge in terms of LOE and \$\$ to do this sampling?

Denise Zeno
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